



## STATEMENT UNDER 37 CFR 3.73(b)

Applicant: **Schlumberger Technology Corporation**

Application No.: 10/711,918

Docket No.: 101.0166

Entitled: **System and Method to Interpret Distributed Temperature Sensor Data and to Determine a Flow Rate in a Well**

Schlumberger Technology Corporation, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel: 015241, Frame: 0832, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above to current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned is empowered to sign this statement on behalf of the assignee

Date: 3 Sept 04

Signature: \_\_\_\_\_

Jaime A. Castano  
Jaime A. Castano  
Intellectual Property Counsel

## **Assignment**

WHEREAS, the undersigned inventors hereinafter referred to as the "Inventors" each said Inventor's address being listed below

**Jeffrey A. Tarvin**, a citizen of the United States of America, residing at 18 Fawn Ridge, Brookfield, CT 06804;

**Lalitha Venkataramanan**, a citizen of India, residing at 120 Prospect Street, Unit #4, Ridgefield, CT 06877;

**Thomas M. White**, a citizen of the United States of America, residing at 10110 Cairn Meadows Drive, Spring, Texas 77379; and

**George A. Brown**, a citizen of the United Kingdom, residing at Oak House, 12 Woodlands Drive, Beaconsfield, Buckinghamshire, HP9 1JY, U.K.;

Has/have invented certain new and useful improvements in

### **System and Method to Interpret Distributed Temperature Sensor Data and To Determine a Flow Rate in a Well**

as described and set forth in an application for Letters Patent of the United States of America, filed with the United States Patent and Trademark Office on October 13, 2004, Serial No.10/711,918 (Docket No. 101.0166).

WHEREAS each of the undersigned persons warrants that no person other than these undersigned persons are inventors of the above-described invention;

AND WHEREAS, the **"COMPANIES"**, listed in **Schedule A**, are desirous of acquiring or confirming their acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefore **as outlined in Schedule A**;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that the undersigned Inventors, for good and valuable considerations, the receipt and sufficiency of which hereby acknowledge, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said COMPANIES, their successors and assigns, the entire right, title and interest throughout the world, in and to the above-described invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may be filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents,

certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements,

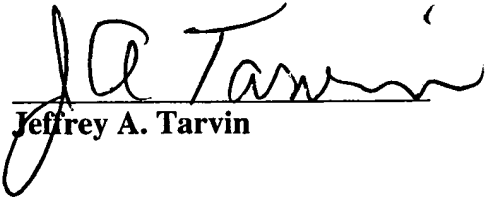
TO HAVE AND TO HOLD the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND said Inventors do hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said **COMPANIES**, their successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said **COMPANIES**, their successors and assigns.

AND said Inventors do hereby covenant and warrant that said Inventors have full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that no said Inventors has executed and will execute any instruments in conflict herewith.

AND said Inventors, for the conditions aforesaid, do hereby covenant and agree to and with the said **COMPANIES**, their successors and assigns, that each Inventor, his or her executors, administrators, or other personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said **COMPANIES**, their successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said **COMPANIES**, their successors and assigns, the entire right, title and interest in and to said invention, inventions or improvements, application or applications, patents, rights, titles, benefits, privileges, and advantages hereby sold, assigned, confirmed, transferred and conveyed.

IN WITNESS WHEREOF I, **Jeffrey A. Tarvin**, have hereunto set my hand and seal  
this 1<sup>st</sup> day of October, 2004.

  
Jeffrey A. Tarvin

STATE OF CONNETICUTT

COUNTY OF Fairfield

BEFORE ME this 1<sup>st</sup> day of October, 2004, personally appeared **Jeffrey A. Tarvin**, to  
me known to be the person who is described in and who executed the foregoing assignment  
instrument and acknowledged to me that he executed the same of his own free will for the  
purpose therein expressed.

Seal

  
Notary Public

**MY COMMISSION EXPIRES  
JULY 31, 2005**

IN WITNESS WHEREOF I, **Lalitha Venkataramanan**, have hereunto set my hand and seal  
this 1<sup>st</sup> day of October, 2004.

Lalitha Venkataramanan  
**Lalitha Venkataramanan**

STATE OF CONNETICUTT

COUNTY OF Fairfield

BEFORE ME this 1<sup>ST</sup> day of October, 2004, personally appeared **Lalitha Venkataramanan**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

Seal

Ruth A. Schreiber  
Notary Public

MY COMMISSION EXPIRES  
JULY 31, 2005

IN WITNESS WHEREOF I, **Thomas M. White**, have hereunto set my hand and seal this

30 day of August, 2004.

  
Thomas M. White

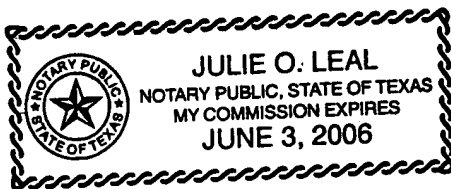
STATE OF TEXAS

COUNTY OF Harris

BEFORE ME this 30 day of August, 2004, personally appeared **Thomas M. White**, to me known to be the person who is described in and who executed the foregoing assignment instrument and acknowledged to me that he executed the same of his own free will for the purpose therein expressed.

  
Notary Public

Seal

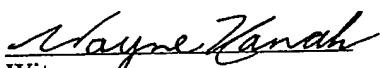


IN WITNESS WHEREOF, I, **George A. Brown**, the Inventor, have hereunto set my hand and seal this 11 day of October, 2004.

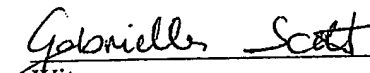
  
George A. Brown

WITNESSED:

BE IT KNOWN that **George A. Brown** is to me known to be the individual described in the foregoing assignment, that on this 11<sup>TH</sup> day of OCTOBER, 2004, I was personally present and did see him sign and execute the foregoing assignment and that he did acknowledge to me that he executed the same as his free act and deed for the uses and purposes therein set forth.

  
Witness

3 DRILL HALL COURT  
HYDE CLOSE  
WINCHESTER SO23 7BW  
UNITED KINGDOM  
Post Office Address

  
Witness

6 PRINCES ROAD  
SOUTHAMPTON  
SO15 3AY  
Post Office Address

## **Schedule A**

### **“COMPANIES”**

#### **SCHLUMBERGER CANADA LIMITED**

Corporation of: Canada

Located at: 525-3<sup>rd</sup> Avenue S.W., Calgary, Alberta, CA T2P 0G4

Assignee for applications in: Canada

#### **SCHLUMBERGER HOLDINGS LIMITED**

Corporation of: the Netherlands

Located at: P.O. Box 71, Craigmuir Chambers, Road Town, Tortola, BVI

Assignee for applications in: Great Britain, Japan, Malaysia, The Netherlands

#### **SCHLUMBERGER TECHNOLOGY CORPORATION**

Corporation of: USA

Located at: 300 Schlumberger Drive, Sugar Land, TX 77478 US

Assignee for applications in: USA

#### **SERVICES PETROLIERS SCHLUMBERGER**

Corporation of: France

Located at: 42 rue Saint Dominique, 75007 Paris, FR

Assignee for applications in: France